

4. (Once amended) The recombinant CELO virus or CELO virus DNA of claim 2, characterized in that it contains a modification in the Gam1 transcriptional control sequences.

5. (Once amended) The recombinant CELO virus or CELO virus DNA of claim 2, characterized in that it further contains a deletion of or within a region selected from the regions spanning nucleotides 41731-43684, nucleotides 41523-43684, nucleotides 41002-43684 and nucleotides 40065-43684.

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6. (Once amended) The recombinant CELO virus or CELO virus DNA of claim 2, characterized in that it further contains a deletion spanning nucleotides 794-1330.

7. (Once amended) The recombinant CELO virus DNA of claim 2 contained on a plasmid that can be replicated in prokaryotic or eukaryotic cells.

8. (Once amended) The recombinant CELO virus or CELO virus DNA of claim 2, characterized in that it contains a foreign DNA insertion in place of one or more deletions.

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12. (Once amended) The recombinant CELO virus or CELO virus DNA of claim 11, characterized in that the foreign DNA encodes a therapeutically active protein.

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13. (Once amended) The recombinant CELO virus or CELO virus DNA of claim 12, characterized in the foreign DNA encodes an immunostimulatory protein.

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15. (Once amended) The recombinant CELO virus or CELO virus DNA of claim 11, characterized in that the foreign DNA encodes a tumor antigen or an immunogenic fragment thereof.

Please add the following new claims:

41. (New) Recombinant CELO virus or CELO virus DNA, characterized in that the region spanning nucleotides 36818-37972 of the wild type CELO virus genome is completely or partially deleted or altered and/or contains an insertion, wherein said deletion, alteration or insertion results in a complete loss of Gam1 expression or prevents the expression of a functional Gam1 protein.

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42. (New) The recombinant CELO virus or CELO virus DNA of claim 41, characterized in that it contains a modification in the Gam1 transcriptional control sequences.

43. (New) The recombinant CELO virus or CELO virus DNA of claim 41, characterized in that it further contains a deletion of or within a region selected from the regions spanning nucleotides 41731-43684, nucleotides 41523-43684, nucleotides 41002-43684 and nucleotides 40065-43684.

44. (New) The recombinant CELO virus or CELO virus DNA of claim 41, characterized in that it further contains a deletion spanning nucleotides 794-1330.

45. (New) The recombinant CELO virus DNA of claim 41 contained on a plasmid that can be replicated in prokaryotic or eucaryotic cells.

46. (New) The recombinant CELO virus or CELO virus DNA of claim 41, characterized in that it contains a foreign DNA insertion in place of one or more deletions.

47. (New) The recombinant CELO virus or CELO virus DNA of claim 46 characterized in that the foreign DNA encodes an antigen derived from an animal pathogen.

48. (New) The recombinant CELO virus or CELO virus DNA of claim 47 characterized in that the pathogen is avian.

49. (New) The recombinant CELO virus or CELO virus DNA of claim 46 characterized in that the foreign DNA encodes a human protein.

50. (New) The recombinant CELO virus or CELO virus DNA of claim 49, characterized in that the foreign DNA encodes a therapeutically active protein.

51. (New) The recombinant CELO virus or CELO virus DNA of claim 50, characterized in the foreign DNA encodes an immunostimulatory protein.

52. (New) The recombinant CELO virus or CELO virus DNA of claim 51, characterized in that the immunostimulatory protein is a cytokine.

53. (New) The recombinant CELO virus or CELO virus DNA of claim 49, characterized in that the foreign DNA encodes a tumor antigen or an immunogenic fragment thereof.

54. (New) The recombinant CELO virus or CELO virus DNA of claim 49, characterized in that the foreign DNA encodes an antigen derived from a human pathogen.

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55. (New) The recombinant CELO virus of claim 7, wherein said plasmid is pAIM65 or a derivative thereof.

56. (New) The recombinant CELO virus of claim 45, wherein said plasmid is pAIM65 or a derivative thereof.